

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/046714 A3

(51) International Patent Classification⁷: **A61K 38/18**,
C12N 5/10, A61P 29/00, 17/00, C07K 19/00, 16/46,
14/49, 14/705, C12N 15/62, 15/63

(74) Agents: **GOODFELLOW, Hugh, Robin** et al.; Carp-
maels & Ransford, 43-45 Bloomsbury Square, London
WC1A 2RA (GB).

(21) International Application Number:
PCT/GB2004/004772

(22) International Filing Date:
12 November 2004 (12.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(30) Priority Data:
0326393.6 12 November 2003 (12.11.2003) GB

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **ARES
TRADING S.A.** [CH/CH]; Zone Industrielle de l'Ouri-
taz, CH-1170 Aubonne (CH).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **FAGAN, Richard**,
Joseph [GB/GB]; Inpharmatica Limited, 60 Charlotte
Street, London W1T 2NU (GB). **DAVIDS, Andrew**,
Robert [GB/GB]; Inpharmatica Limited, 60 Charlotte
Street, London W1T 2NU (GB). **PHELPS, Christopher**,
Benjamin [GB/GB]; Inpharmatica Limited, 60 Charlotte
Street, London W1T 2NU (GB). **POWER, Chris-
tine** [GB/FR]; 10, rue des Jonquilles, F-01710 Thoiry
(FR). **BOSCHERT, Ursula** [DE/CH]; Route d'Annecy
100C, CH-1256 Troinex (CH). **CHVATCHKO, Yolande**
[FR/CH]; Ares Trading S.A., Chateau de Vaumarcus,
CH-2028 Vaumarcus (CH).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
17 November 2005

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: CYTOKINE ANTAGONIST MOLECULES

(57) Abstract: This invention relates to novel uses of a protein sequence (INSP052EC), herein identified as an immunoglobulin domain-containing cell surface recognition, in the diagnosis, prevention and treatment of diseases, in particular those related to the excessive expression and / or secretion of cytokines.



WO 2005/046714 A3